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(71) Applicant (for all designated States except US): KONIN-
KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DEN TOONDER,
Jacob, M., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). VAN DIJKEN, Auke, R. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). RI-
JKS, Theodoor, G., S., M. [NL/NL]; c/o Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). VAN BEEK, Jozef, T., M.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).

(74) Agent: ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

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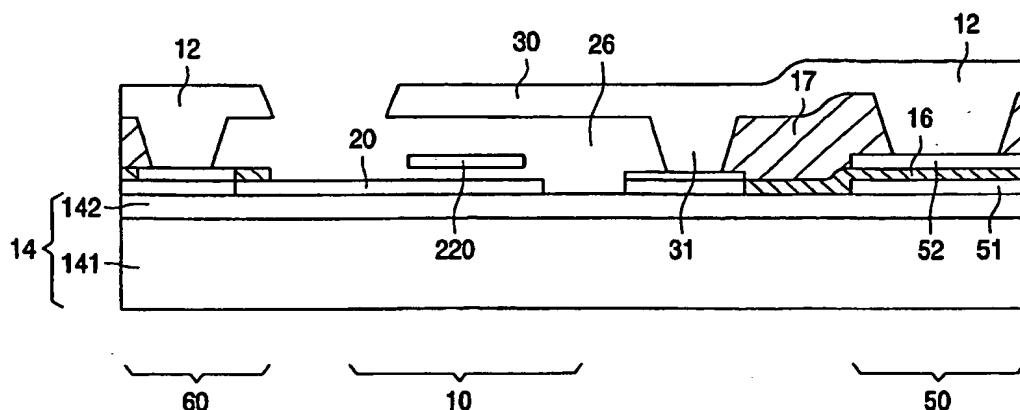
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(54) Title: RADIO-FREQUENCY MICROELECTROMECHANICAL SYSTEMS AND A METHOD OF MANUFACTURING
SUCH SYSTEMS



(57) Abstract: An RF MEMS device comprising one or more free-standing thin films configured for motion in response to actuation or stimulation, the one or more thin films comprising an alloy of aluminum and magnesium, and optionally one or more further materials. The resultant thin film has improved hardness and reduced creep relative to conventional thin films.